

FY2003 GRANT AWARDS - EPA REGION VI -- AR, LA, NM, OK, TX

ARKANSAS

University of Arkansas \$20,109

Waste Not, Want Not - Environmental Issues of Waste Disposal

The Waste Not, Want Not-Environmental Issues of Waste Disposal- pilot initiative will engage twenty-five regional science teachers in Arkansas during an initial 5-day workshop with 15 hours of follow-up mentoring on issues dealing with toxic and non-toxic waste disposal. The instruction and information gained during this project will allow teachers to have a potential yearly environmental education impact on 3000-3750 students. The workshops will include lectures, hands-on sessions, visits to the University of Arkansas campus and field trips to Waste Management Tontitown Landfill, a sinking creek in the Savoy Watershed, a recycling facility and a waste water treatment plant.

LOUISIANA

Teaching Responsible Earth Education \$15,755

Earthkeepers Project: Justice through EE

Two three-day outdoor environmental learning programs will be held at Jean Lafitte National Park and Preserve and Barataria Education Center for 120 students, teachers and volunteers from the New Orleans Public Schools. Activities will include interactive outdoor activities that teach about their tasks as Earthkeepers, i.e., learning more about the earth, experiencing it in a new way, using their knowledge to create good environmental habits and sharing what they learn with others. All parts of the program build on each other and are directly connected.

Louisiana State University \$8,999

High School Watershed Education Project

Workshops will be offered at the environmental faculty at the university to demonstrate and teach scientifically sound water quality monitoring and sampling techniques, the compiling of field data and basic laboratory analyses. Field work will be conducted in the Red River Education and Research Park which is the site of cutting-edge environmental research led by Louisiana State University in Shreveport and other universities, business and industry, and city, state and federal agencies.

NEW MEXICO

Environmental Education Association of New Mexico \$5,150

Santa Fe Children's Museum \$5,000

Teen Educators in Earthworks

The goal of the Earthworks project is to increase environmental literacy among families in Santa Fe and northern New Mexico. On average 4,000 people participate in the museum's programs each year which integrate environmental education into the museum experience. The Earthworks projects serve as a living demonstration of how a community can solve inherent problems in land restoration while creating a context for hands-on environmental education. The museum programs are free and without registration requirements to the community.

New Mexico Environment Department \$10,000

Effects of Ground-Level Ozone

The goal of the project is to teach fourth grade students the effects of ozone in San Juan County. The secondary audience is student's families and the general community. The New Mexico Environment Department will provide ozone educational activities to twenty-eight elementary schools, contacting teachers afterward to provide followup instruction on lesson plan development and support by leading students through ozone exercises showing them how ozone impacts their daily lives.

New Mexico Office of the State Engineer \$5,000

Water Conservation Teacher Mini-Workshop

The Water Conservation Teacher Mini-Workshops is designed to educate teachers about water issues in New Mexico and supply them with existing water conservation student and teacher educational materials. The Office of the State Engineer is partnering with local municipalities to host a series of ten to fifteen workshops throughout the state. Priority solicitation will be to areas hit hardest by the drought and that do not have a water education program in place. Less populated rural areas will be given the opportunity to partner with neighboring school districts in order to fill a workshop. Early elementary, middle school and high school workshops will be available

New Mexico Department of Health \$16,374

Lead Poisoning Prevention for Expectant Teen-Aged Mothers and their Children

Teachers, school staff and health care providers across the State of New Mexico will attend workshops to learn how to teach expectant teens about the adverse effects of lead exposure before, during, and after pregnancy as well as ways to prevent lead exposure. The target audience is eight hundred and eighty expectant teens. Key partners in the project are the New Mexico Department of Education, the New Mexico Department of Health and high school teachers across the state.

education using energy and water resource management and protection as a springboard. The project proposes to increase teacher, parent and other patron's abilities to support children's information inquiries into issues on the impact and future of developing, using and managing energy and water resources in the local Mooser Creek watershed.

Energy Education Partnership, Inc. \$10,716

Impact of Coal Seam Natural Gas Exploration and Production

Students and teachers in the Farmington, New Mexico area will participate in interactive lectures, visit drilling sites under construction as well as active drilling rig sites to learn about the environmental impact of coal seam natural gas exploration and production. The project's aim is to educate the community about the coal seam process and to encourage environmental understanding and careers. They will participate in the chemical analysis of drilling fluids and produced water associated with the exploration and production process. To ensure impartiality, an independent technician will lead the participants in the chemical analysis.

TEXAS

Texas Parks and Wildlife Department \$5,060

Project for Learning Watersheds and Coastal Ecosystems

Teachers in rural school districts along the Texas coast will heighten their awareness about local ecosystems through, among other tools, the use of Global Information Systems and Global Positioning Systems. Texas Parks and Wildlife Department (TPWD) has partnered with the Texas Rural Systemic Initiative to help students gain awareness of healthy rivers, streams and coastal ecosystems, and to become better stewards of watershed and coastal ecosystems. Teachers will participate in workshops, field investigations and classroom activities. They will have the opportunity to present their research via a live webcast sponsored by the TPWD.

Council for Environmental Education \$13,000

Migratory Bird Conservation Education in Schools

The Council will provide training for Houston area urban middle school teachers to implement classroom lessons and projects relating to bird conservation. Teachers will be able to integrate birds as a highly visible connection urban children have with the natural world and to incorporate important issues affecting birds into their curriculum. Both teacher and student training will explore how to plan and produce a school bird festival as well as initiate and tie-in related service learning projects involving bird conservation, biology, and migration. Schools will be encouraged to work with a variety of groups to make a school bird festival "happen" at their school.

Youth, Adult & Family Development Community Based Project

The Groves Educational Foundation will use several media to educate youth and adults in a low income area of Houston County about the importance of their environment. Participants will take field trips to historical sites to investigate the county's heritage, participate in community cleanups and interactive programs to learn the importance of keeping their community clean and related environmental health issues, plus participate in hands-on programs such as community gardens, pest control, and water conservation.

Central ISD \$5,000

Teacher Training Using the Central Outdoor Classroom

Kindergarten through sixth grade teachers will use the Central Outdoor Classroom to learn inquiry-based science. Environmental studies in the forest ecosystem will be taught through lessons and field experiences. Teachers will work with scientists in various fields of study and careers such as the Texas Forest Service, The Soil Conservation Service, Texas Commission on Environmental Quality, and the Texas Parks and Wildlife Service. Visiting scientists will assist in writing six field investigation units to define environmental problems, conduct research, and collect and analyze data.

For additional information, how and when to apply, nationwide grant profiles, grant writing tips, and more, visit [EPA's Environmental Education Grant Program](#).